

Title (en)

Polymer composition based on a vinyl chloride polymer and processes for the production of such a polymer composition.

Title (de)

Polymerzusammensetzung auf Basis eines Vinylchloridpolymers und Verfahren zur Herstellung einer derartigen Polymerzusammensetzung.

Title (fr)

Composition polymère à base d'un polymère de chlorure de vinyle et procédés de préparation de cette composition polymère.

Publication

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Application

EP 84201290 A 19840908

Priority

NL 8303139 A 19830910

Abstract (en)

The invention accords to a new impact-resistant polymer composition based on a vinyl chloride polymer which at least consists of a) 100 parts by weight of polyvinyl chloride, b) 2 - 25 parts by weight of carboxylated rubber, c) 0 - 25 parts by weight of uncarboxylated rubber, and d) 1 - 15 parts by weight of a polymer at least consisting of vinyl alcohol groups and vinyl chloride groups in a molar ratio between 1 : 5 and 1 : 50, in which polymer composition the total amount of rubber is at least 4% (wt) calculated on the total quantity polymer composition and a process for preparing such a polymer composition. The polymer composition according to the invention shows a far better impact resistance than ordinary polyvinyl chloride, while the flexural modulus does not differ much from the very good flexural modulus of ordinary polyvinyl chloride.

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